



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** S. Wagner, et al.

**Application  
No.:** 09/813,454

**Filing Date:** March 21, 2001

**Entitled:** SEMITRANSPARENT OPTICAL  
DETECTOR INCLUDING A  
POLYCRYSTALLINE LAYER AND  
METHOD OF MAKING

**Attorney Docket No.:** 111554.124 (US11)

Assistant Commissioner of Patents  
Washington, D.C. 20231

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**REVOCATION OF PREVIOUS POWER OF ATTORNEY, APPOINTMENT  
OF NEW ATTORNEY, and CHANGE OF CORRESPONDENCE ADDRESS**

**Commissioner:**

The undersigned, Aegis Semiconductor, Inc. owner of the above-identified United States patent application, hereby revokes all powers of attorney previously granted and appoints the following practitioners with full power of substitution and revocation to prosecute the patent application and to transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NUMBER: 23483**

All future correspondence should be sent to:

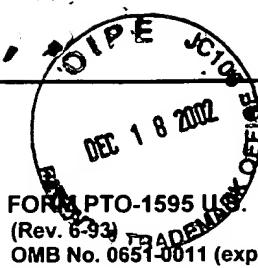
Eric L. Prahl  
Hale and Dorr LLP  
60 State Street  
Boston, MA 02109  
Telephone No.: (617) 526-6000  
Facsimile No.: (617) 526-5000

U.S.S.N. 60/364,485  
Domash, et al.

The undersigned states that Aegis Semiconductor, Inc. is the sole owner of the entire right, title, and interest by virtue of an Assignment recorded in the United States Patent and Trademark Office on December 18, 2002. A copy of the Assignment is attached.

By: Lawrence H. Domash  
Lawrence H. Domash  
Vice President, Advanced Development

Date: Nov. 26, 2002



02-12-2002



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COVER SHEET  
-Y-DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Sigurd Wagner, Matthias Wagner, Eugene Y. Ma and Adam M. Payne**

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance:

[X] Assignment [ ] Merger  
 [ ] Security Agreement [ ] Change of Name  
 [ ] Other \_\_\_\_\_

Execution Date: **December 9, 2001, December 5, 2001, December 5, 2001 and December 10, 2001, respectively**2. Name and address of receiving party(ies)

Name: **Aegis Semiconductor**  
 Internal Address:

Street Address: **170 Common Street  
Suite 204  
Lawrence, MA 01840**

Additional name(s) &amp; addresses(es) attached? [ ] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)  
09/813,454

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Gary S. Engelson**  
 Address: **WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210**

6. Total number of applications and patents involved: **[1]**7. Total fee (37 CFR 3.41) **\$40.00**

[X] Enclosed

[ ] Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: **23/2825**

02/11/2002 GTON11 00000058 09813454  
01 FEB:581 40.00 DP

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9. Statement and signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Gary S. Engelson

December 18, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to:

Box Assignment  
 Director - U.S. Patent and Trademark Office,  
 Washington, D.C. 20231

**ASSIGNMENT**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we the undersigned Sigurd Wagner of Princeton, New Jersey; Matthias Wagner of Boston, Massachusetts; Eugene Y. Ma of Brookline, Massachusetts; Adam M. Payne of Princeton, New Jersey, hereby

Sell, assign and transfer to AEGIS SEMICONDUCTOR, a Massachusetts corporation having a place of business at 170 Common Street, Suite 204, Lawrence, MA 01840, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on March 20, 2001 under Serial No. 09/813,454 and entitled SEMITRANSPARENT OPTICAL DETECTOR INCLUDING A POLYCRYSTALLINE LAYER AND METHOD OF MAKING, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date

12/9/01

SIGURD WAGNER

sigurd wagner

Subscribed and sworn to before me this 9<sup>th</sup> day of December 2001

Priscilla Hendricks

Witness' Signature

Priscilla Hendricks

Witness' Printed Name

Date

12/5/01

MATTHIAS WAGNER

Matth-W

Subscribed and sworn to before me this 5<sup>th</sup> day of December 2001.

Priscilla Hendricks

Witness' Signature

Priscilla Hendricks

Witness' Printed Name

Date

12/5/01

EUGENE Y. MA

Eugene Y. Ma

Subscribed and sworn to before me this 5<sup>th</sup> day of December 2001

Priscilla Hendricks

Witness' Signature

Priscilla Hendricks

Witness' Printed Name

10 December 2001

Date

Adam Payne

ADAM M. PAYNE

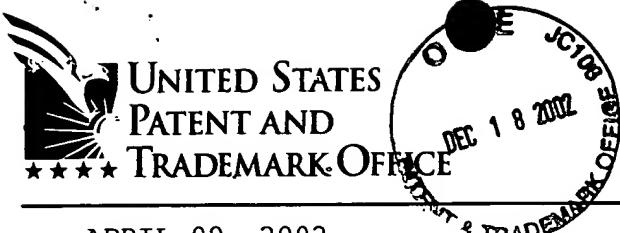
Subscribed and sworn to before me this 10th day of December 2001

Priscilla Hendricks

Witness' Signature

Priscilla Hendricks

Witness' Printed Name



JSE

APRIL 09, 2002

PTAS

WOLF, GREENFIELD & SACKS, P.C.  
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Chief Information Officer  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/18/2001

REEL/FRAME: 012564/0650  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: WAGNER, SIGURD DOC DATE: 12/09/2001

ASSIGNOR: WAGNER MATTHIAS DOC. DATE: 12/05/2001

ASSIGNOR: MA, EUGENE V. DOC. DATE: 12/05/2001

ASSIGNOR: PAYNE, ADAM M. DOC. DATE: 12/10/2001

ASSIGNEE:  
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170 COMMON STREET  
SUITE 204  
LAWRENCE, MASSACHUSETTS 01840

SERIAL NUMBER: 09813454  
PATENT NUMBER:

FILING DATE: 03/20/2001  
ISSUE DATE:

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STEVEN POST, EXAMINER  
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